

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.	GLC0002-US
First Inventor	Arthur CASTLE, et al.
Title	METHOD AND SYSTEM FOR PREDICTING THE BIOLOGICAL ACTIVITY, INCLUDING TOXICOLOGY AND TOXICITY, OF SUBSTANCES
Express Mail Label No. _____	

DC978 U.S. PTO
10/05/2002**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 37]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C.113) [Total Sheets 5] [
- Oath or Declaration [Total Pages 2] [
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 i. **DELETION OF INVENTOR(S)**
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 C.F.R. §3.73(b) Statement Power of Attorney (*when there is an assignee*)
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: _____

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No: _____ / _____

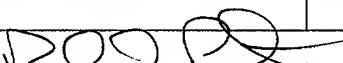
Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label 33-11111111111111111111111111111111 or Correspondence address below
(Insert Customer No. or Attach bar code label here)

Name	Richard T. Peterson				
Address	Kilpatrick Stockton LLP 607 14 th Street, NW, Suite 900				
City	Washington	State	DC	Zip Code	20005
Country	USA	Telephone	202 508 5800		Fax 202 508 5858

Name (Print/Type)	Richard T. Peterson	Registration No. (Attorney/Agent)	35,320
Signature			Date 1-23-02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 370)

<i>Complete if Known</i>	
Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Arthur CASTLE, et al.
Examiner Name	To Be Assigned
Group / Art Unit	To Be Assigned
Attorney Docket No	GLC0002-US

METHOD OF PAYMENT (check one)		FEES CALCULATION (continued)																																																																																																																																																																			
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>Petition to revive – unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>Petition to revive – unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>130</td><td>123</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>710</td><td>246</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="6">Other fee (specify) _____</td></tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3)</td> <td>(\$ 0)</td> </tr> </tbody> </table>						Fee Code	Large Entity Fee (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205	Surcharge - late filing fee or oath		127	50	227	Surcharge - late provisional filing fee or cover sheet.		139	130	139	Non-English specification		147	2,520	147	For filing a request for reexamination		112	920*	112	Requesting publication of SIR prior to Examiner action		113	1,840*	113	Requesting publication of SIR after Examiner action		115	110	215	Extension for reply within first month		116	390	216	Extension for reply within second month		117	890	217	Extension for reply within third month		118	1,390	218	Extension for reply within fourth month		128	1,890	228	Extension for reply within fifth month		119	310	219	Notice of Appeal		120	310	220	Filing a brief in support of an appeal		121	270	221	Request for oral hearing		138	1,510	138	Petition to institute a public use proceeding		140	110	240	Petition to revive – unavoidable		141	1,240	241	Petition to revive – unintentional		142	1,240	242	Utility issue fee (or reissue)		143	440	243	Design issue fee		144	600	244	Plant issue fee		122	130	122	Petitions to the Commissioner		123	130	123	Petitions related to provisional applications		126	180	126	Submission of Information Disclosure Stmt		581	40	581	Recording each patent assignment per property (times number of properties)		146	710	246	Filing a submission after final rejection (37 CFR § 1.129(a))		149	710	249	For each additional invention to be examined (37 CFR § 1.129(b))		179	710	279	Request for Continued Examination (RCE)		169	900	169	Request for expedited examination of a design application		Other fee (specify) _____						*Reduced by Basic Filing Fee Paid				SUBTOTAL (3)		(\$ 0)
Fee Code	Large Entity Fee (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																	
105	130	205	Surcharge - late filing fee or oath																																																																																																																																																																		
127	50	227	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																																		
139	130	139	Non-English specification																																																																																																																																																																		
147	2,520	147	For filing a request for reexamination																																																																																																																																																																		
112	920*	112	Requesting publication of SIR prior to Examiner action																																																																																																																																																																		
113	1,840*	113	Requesting publication of SIR after Examiner action																																																																																																																																																																		
115	110	215	Extension for reply within first month																																																																																																																																																																		
116	390	216	Extension for reply within second month																																																																																																																																																																		
117	890	217	Extension for reply within third month																																																																																																																																																																		
118	1,390	218	Extension for reply within fourth month																																																																																																																																																																		
128	1,890	228	Extension for reply within fifth month																																																																																																																																																																		
119	310	219	Notice of Appeal																																																																																																																																																																		
120	310	220	Filing a brief in support of an appeal																																																																																																																																																																		
121	270	221	Request for oral hearing																																																																																																																																																																		
138	1,510	138	Petition to institute a public use proceeding																																																																																																																																																																		
140	110	240	Petition to revive – unavoidable																																																																																																																																																																		
141	1,240	241	Petition to revive – unintentional																																																																																																																																																																		
142	1,240	242	Utility issue fee (or reissue)																																																																																																																																																																		
143	440	243	Design issue fee																																																																																																																																																																		
144	600	244	Plant issue fee																																																																																																																																																																		
122	130	122	Petitions to the Commissioner																																																																																																																																																																		
123	130	123	Petitions related to provisional applications																																																																																																																																																																		
126	180	126	Submission of Information Disclosure Stmt																																																																																																																																																																		
581	40	581	Recording each patent assignment per property (times number of properties)																																																																																																																																																																		
146	710	246	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																		
149	710	249	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																		
179	710	279	Request for Continued Examination (RCE)																																																																																																																																																																		
169	900	169	Request for expedited examination of a design application																																																																																																																																																																		
Other fee (specify) _____																																																																																																																																																																					
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3)		(\$ 0)																																																																																																																																																															
2. <input checked="" type="checkbox"/> Payment Enclosed:																																																																																																																																																																					
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other																																																																																																																																																																					
FEES CALCULATION																																																																																																																																																																					
1. BASIC FILING FEE																																																																																																																																																																					
Large Fee Code	Entity Fee (\$)	Small Entity Fee Code (\$)	Fee Description				Fee Paid																																																																																																																																																														
101	710	201	355	Utility filing fee				370																																																																																																																																																													
106	320	206	160	Design filing fee																																																																																																																																																																	
107	490	207	245	Plant filing fee																																																																																																																																																																	
108	710	208	355	Reissue filing fee				0																																																																																																																																																													
114	150	214	75	Provisional filing fee																																																																																																																																																																	
SUBTOTAL (1) (\$ 370)																																																																																																																																																																					
2. EXTRA CLAIM FEES																																																																																																																																																																					
Total Claims	1	-20	= 0	Extra Claims	X 9	= 0	Fee from below	Fee Paid																																																																																																																																																													
Independent Claims	0	-3	= 0	0	X 80	= 0																																																																																																																																																															
Multiple Dependent				X		= 0																																																																																																																																																															
Large Fee Code	Entity Fee (\$)	Small Entity Fee Code (\$)	Fee Description				Fee Paid																																																																																																																																																														
103	18	203	9	Claims in excess of 20																																																																																																																																																																	
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																	
104	270	204	135	Multiple dependent claim, if not paid																																																																																																																																																																	
109	80	209	40	** Reissue independent claims over original patent																																																																																																																																																																	
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																	
SUBTOTAL (2) (\$ 0)																																																																																																																																																																					

*or number previously paid, if greater, For Reissues, see above

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Richard T. Peterson	Registration No. Attorney/Agent)	35,320	Telephone	202 508 5800
Signature				Date	1-23-02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.